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PTO/SB/17 (10-01)

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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2002</h2> <p style="margin: 0;"><i>Patent fees are subject to annual revision.</i></p>				<b>Complete if Known</b>																																																																																																																																																														
				Application Number																																																																																																																																																														
				Filing Date		February 28, 2002																																																																																																																																																												
				First Named Inventor		MACIEL, FREDERICO BUCHHOLZ																																																																																																																																																												
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TOTAL AMOUNT OF PAYMENT				(\$)		948.00																																																																																																																																																												
METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																														
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:</p> <p>Deposit Account Number 01-2135</p> <p>Deposit Account Name Antonelli, Terry, Stout &amp; Kraus, LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity (\$)</th> <th>Small Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examination action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive - 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\*\*or number previously paid, if greater; For Reissues, see above.

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Carl I. Brundidge	Registration No. (Attorney/Agent)	29,621	Telephone	703-312-8600
Signature		Date	02/28/2002		

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	<b>APPLICANT</b> F. MACIEL	
	<b>FILING DATE</b> February 28, 2002	<b>GROUP</b> not assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	6112248	2000	Maciel et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	11-328134	1999	JAPAN				
	10-69471	1998	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"The IP Network Address Translator(NAT)", Internet Engineering Task Force RFC1631, Egevang & Francis, 1994, pages1-10
	"WWW server load balancer with functions being enhanced", Nikkei Open System, November 1999, ISSN 0918-581X, pp. 128-131
	"Dynamic Gateways: A Novel Approach to Improve Networking Performance and Availability on Parallel Servers", Proceeding of the HPCN'98, pp. 678-687, Springer-Verlag, 1998, ISSN 0302-9743
	"A Scalable HTTP Server: The NCSA Prototype", Proceedings of the First International Conference on the World-Wide Web, 1994, KATZ et al.
	The VRRP "Virtual Router Redundancy Protocol", RFC2338 of Internet Engineering Task Force, Knight, et al., 1998 pp.1-27
	"InfiniBand Architecture Specification Volume 1, Infiniband Trade Association, 2000
	"Integrating the LAN, WAN & SAN for Optimized Network Performance", e-Commerce Infrastructure Technologies Conference and Tradeshow, Monterey, USA, February 2001, Lucent Technologies
	"High -Performance Local Area Communication with Fast Socket", Rodrigues, Proceedings of the USENIX'97, 1997, pp. 257-274
	"High Performance Sockets and RPC over Virtual Interface (VI) Architecture", Shah, Proceedings of CANPC'99, 1999, pp. 91-107
Examiner	Date Considered

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